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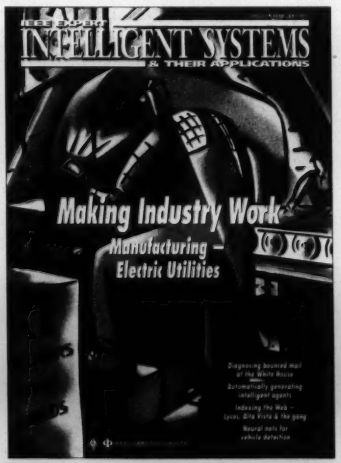

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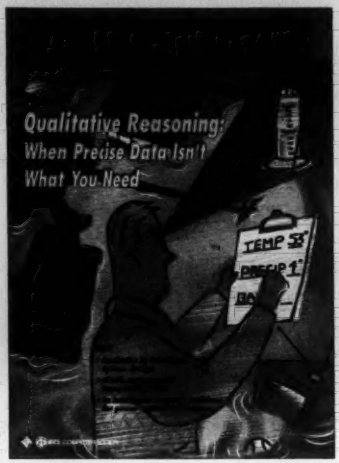

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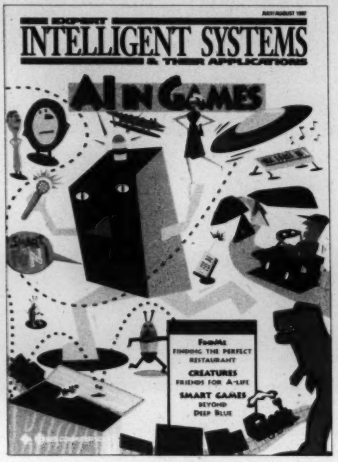

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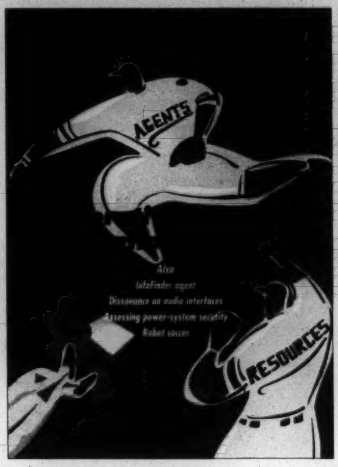

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CALENDAR

The IEEE Computer Society logo indicates sponsorship or participation by the IEEE Computer Society. Other conferences and journals of interest to our readers are also included. Send conference information and calls for papers by **Dec. 25, 1997**, to Dennis Taylor, *IEEE Expert*, 10662 Los Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; fax (714) 821-4010; d.taylor@computer.org.

DECEMBER 1997

Conf. Neural Information Processing Systems, Natural and Synthetic, Dec. 1–6, Denver. Contact Tony Bell, Salk Inst., PO Box 85800, San Diego, CA 92186-5800; phone (619) 453-4100, ext. 1463; fax (619) 587-0417; tony@salk.edu; http://www.cs.cmu.edu/Groups/NIPS.

Iasted Int'l Conf. Intelligent Information Systems, Dec. 8–10, Grand Bahama Island, Bahamas. Contact H. Adeli, Ohio State Univ., College of Eng., 470 Hitchcock Hall, 2070 Neil Ave., Columbus, OH 43210-1275; phone/fax (614) 292-7929; hadeli@magnus.acs.ohio-state.edu.

17th Ann. Conf. British Computer Soc. Specialist Group on Expert Systems, Dec. 15–17, Cambridge, UK. Contact Kit Stones, Conf. Team, 17 Spring Rd., Kempston, Bedford MK42 8LS, UK; phone/fax 44 (12) 34-30-2490; kstonestct@cix.compulink.co.uk; http://www.sis.port.ac.uk/sges/es97.html.

Visual '97: Second Int'l Conf. Visual Information Systems, Dec. 15–17, San Diego, Calif. Contact Ramesh Jain, Univ. of California, San Diego; jain@ece.ucsd.edu.

JANUARY 1998

Euromedia '98, Jan. 5–7, Leicester, UK. Contact European Simulation Office, c/o Philippe Geril, Soc. for Computer Simulation Int'l, Univ. of Ghent, Coupure Links 653, B-9000 Ghent, Belgium; phone 32 (9) 233-7790; fax 32 (9) 223-4941; philippe.geril@rug.ac.be.

Int'l Symp. Energy and Environmental Management and Technology, Jan. 29–30, Irvine, Calif. Contact the Int'l Consortium for Research on Energy and Environmental Management and Technology, PO Box 4250, Irvine, CA 92612; phone (714) 253-3496; fax (714) 833-2253; torabzad@engr.csulb.edu; http://heart.engr.csulb.edu/~icremt/.

FEBRUARY 1998

Int'l Workshop on Independence and Artificial Neural Networks, Feb. 9–10, Tenerife, Spain. Contact Colin Fyfe, Dept. of Computing and Information Systems, Univ. of Paisley, High St., Paisley PA1 2BE, Scotland; fax 44 (141) 848-3542; fyfe0ci@paisley.ac.uk; or ISCS Canada, Int'l Computer Science Conventions, PO Box 279, Millet, AB T0C 1Z0, Canada; fax (403) 387-4329; icsc@compusmart.ab.ca; http://www.compusmart.ab.ca/icsc.

ICCIMA '98: Int'l Conf. Computational Intelligence and Multimedia Applications, Feb. 9–11, Churchill, Australia. Contact Henry Selvaraj, General Chair, Gippsland School of Computing and Information Tech., Monash Univ., Churchill, VIC, Australia 3842; phone 61 (3) 99-02-6665; fax 61 (3) 99-02-6842; henry.selvaraj@fcit.monash.edu.au.

Houstex '98 Advanced Productivity Exposition and Conf., Feb. 10–12, Houston, Tex. Contact SME Customer Service; (800) 733-4763.

16th Iasted Int'l Conf. Applied Informatics, Feb. 23–25, Garmisch, Germany. Contact Iasted Secretariat AI '98, #80, 4500 16 Avenue NW, Calgary, AB T3B 0M6, Canada; phone (403) 288-1195; fax (403) 247-6851; iasted@cadvision.com; http://www.iasted.com.

EIS '98: Int'l ICSC Symp. Eng. of Intelligent Systems, Feb. 11–13, Tenerife, Spain. Contact ICSC Canada, PO Box 279, Millet, Alberta T0C 1Z0, Canada; fax (403) 387-4329; icsc@compusmart.ab.ca.

MARCH 1998

Fourth World Congress on Expert Systems: Applications of Advanced Information Technologies, Mar. 16–20, Mexico City. Contact Rogelio Soto or Enrique Sucar, Program Chairs, ITESM, Centro de Inteligencia Artificial, Av. Eugenio Garza Sada #2501 Sur, Monterrey, N.L. 64849, Mexico; phone 52 (8) 328-4197; fax 52 (8) 328-4189; rsoto@campus.mty.itesm.mx; http://www-cia.mty.itesm.mx/wces98.

Int'l Workshop on Intelligent Agents on the Internet and Web, Mar. 16–20, Mexico City (in conjunction with the Fourth World Congress on Expert Systems). Contact San Murugesan, Program Chair, Univ. of Western Sydney Macarthur, PO Box 555, Campbelltown, NSW 2560, Australia; phone 61 (46) 203-513; fax 61 (46) 266-683; s.murugesan@uws.edu.au; http://btwebsh.macarthur.uws.edu.au/iaiw/.

1998 IEEE Aerospace Conf., Mar. 21–28, Aspen, Colo. Contact Mike Johnson or Beth Leitereg, 2225 Roscomare Rd., Los Angeles, CA 90077-2222; phone (310) 472-8019; johnson@ee.ucla.edu; http://www.aeroconf.org.

PA '98: Personal Agent Expo '98 (including PAAM '98, PAP/PACT '98, PADD '98, and PAKeM '98), Mar. 23–27, London. Contact PA Expo '98, P.O. Box 137, Blackpool, Lancashire, FY2 9UN, UK; phone 44 (1253) 358081; fax 44 (1253) 353811; enquiries@pap.com; http://www.demon.co.uk/ar/Expo98/index.html.

Iasted Int'l Conf. Computer Systems and Applications, Mar. 30–Apr. 2, Irbid, Jordan. Contact Iasted Secretariat CSA '98, #80, 4500 16 Ave. NW, Calgary, AB T3B 0M6, Canada; phone (403) 288-1195; fax (403) 247-6851; iasted@cadvision.com; http://www.iasted.com.

APRIL 1998

Invited Session on Intelligent Prognostic Methods in Medical Diagnosis and Treatment Planning, Apr. 1–4, Nabeul-Hammamet, Tunisia (in conjunction with CESA '98). Contact Ameen Abu-Hanna, Dept. of Medical Informatics, Academic

Medical Center, Univ. of Amsterdam, Meibergdreef 15, 1105 AZ Amsterdam, The Netherlands; phone 31 (20) 566-4511; fax 31 (20) 691-2432; a.abu-hanna@amc.uva.nl; or Peter Lucas, Dept. of Computer Science, Utrecht Univ., Padualaan 14, 3584 CH Utrecht, The Netherlands; phone 31 (30) 253-4094; fax 31 (30) 251-3791.

ACoS '98: Int'l Workshop on Advanced Communication Services, Apr. 3–4, Lisbon, Portugal. Access http://brahms.fmi.uni-passau.de/bs/organization/.

Artificial Intelligence Symp. at the 14th European Meeting on Cybernetics and Systems Research, Apr. 14–17, Vienna. Contact Robert Trappl, Dept. of Medical Cybernetics and Artificial Intelligence, Univ. of Vienna, Freyung 6/2, A-1010 Vienna, Austria; phone 43 (1) 53-53-2810; fax 43 (1) 532-0652; sec@ai.univie.ac.at.

Second Pacific-Asia Conf. Knowledge Discovery and Data Mining, Apr. 15–17, Melbourne, Australia. Contact Ramamohanarao Kotagiri, Pakdd '98, Dept. of Computer Science, Univ. of Melbourne, Parkville, VIC 3052, Australia; or Xindong Wu, Dept. of Software Development, Monash Univ., 900 Dandenong Road, Caulfield East, Melbourne 3145, Australia; phone 61 (3) 99-03-1025; fax 61 (3) 99-03-1077; xindong.wu@fcit.monash.edu.au.

KAW '98: 11th Workshop on Knowledge Acquisition, Modeling, and Management, Apr. 18–23, Banff, Canada. Contact Social Science Informatics, Univ. of Amsterdam, Roetersstraat 15, 1018 WB Amsterdam, Netherlands; phone 31 (20) 525-6789; fax 31 (20) 525-6896; kaw@swi.psy.uva.nl.

10th European Conf. Machine Learning Apr. 21–24, Chemnitz, Germany. Contact Claire Nedellec and Celine Rouveirol, LRI, Bat 490, Univ. Paris-Sud, F-91405 Orsay, France; phone 33 (0) 1-69-15-6626; fax 33 (0) 1-60-15-6586; cn@lri.fr or celine@lri.fr.

MAY 1998

Second Int'l Conf. Autonomous Agents, May 10–13, Minneapolis/St. Paul, Minn. Contact Michael N. Huhns, Dept. of Electrical and Computer Eng., 301 South Main St., Univ. of South Carolina, Columbia, SC 29208; phone (803) 777-5921; fax (803) 777-8045; huhns@sc.edu.

11th Int'l FLAIRS Conf., May 17–20, Sanibel Island, Fla. Contact Kevin Bowyer or Lawrence O. Hall, Flairs '98 General Chairs, Dept. of Compuier Science and Eng., Univ. of South Florida, 4202 E. Fowler Avè., Tampa, FL 33620; phone (813) 974-3652; fax (813) 974-5456; kwb@csee.usf.edu or hall@csee.usf.edu.

48th Ann. Vehicular Tech. Conf.: Pathway to a Global Wireless Revolution, May 18–21, Ottawa, Canada. Contact T. Hennessy; phone (613) 990-4711; fax (613) 990-3158; http://www.ieee.ca/vtc98/; or vtc98@ieee.ca.

Miconex '98: Int'l Trade Fair for Measurement, Instrumentation, and Automation, May 25–29, Beijing. Contact Dusseldorf Trade Shows, New York, 70 W. 36th St., Ste. 605, New York, NY 10018; phone (212) 356-0400; fax (212) 356-0404; http://www.dtsusa.com/dts/.

18th Int'l Conf. Distributed Computing Systems, May 26–29, Amsterdam. Contact Bernd Krämer, FernUniversität, D-58084 Hagen, Germany; phone: 49 2331-987-371; fax 49 2331-987-375; bernd.kraemer@fernuni-hagen.de; http://icdcs.fernuni-hagen.de/.

ASC '98: Iasted Int'l Conf. Artificial Intelligence and Soft Computing, May 27–30, Cancun, Mexco. Contact Iasted Secretariat, #80 4500-16 Ave. NW, Calgary, AB T3B 0M6, Canada; phone (403) 288-1195; fax (403) 247-6851; iasted@cadvision.com; http://www.iasted.com/cancun/asc98.html.

JUNE 1998

Iasted Int'l Conf. Intelligent Systems and Control, June 1–4, Halifax, Canada. Contact Iasted Secretariat ISC '98, 1811 West Katella Ave., Ste. 101, Anaheim, CA 92804; phone (714) 778-3230; fax (714) 778-5463; iasted@orion.oac.uci.edu; http://www.iasted.com.

11th Int'l Conf. Industrial and Eng. Applications of Artificial Intelligence and Expert Systems, June 1–4, Benicassim, Spain. Contact Moonis Ali, General Chair, IEA/AIE '98, Dept. of Computer Science, Southwest Texas State Univ., San Marcos, TX 78666-4616; phone (512) 245-3409; fax (512) 245-8750; ma04@swt.edu; http://titan.inf.uji.es/IEA98/.

AIPS '98: Fourth Int'l Conf. Artificial Intelligence Planning Systems, June 7–10, Pittsburgh. Contact aips98+info@cs.cmu.edu or reids@cs.cmu.edu; http://www.cs.cmu.edu/~aips98.

13th Ann. IEEE Symp. Logic in Computer Science, June 21–24, Indianapolis, Ind. Contact Leonid Libkin, Bell Laboratories, Room 2C-407, 600 Mountain Ave., Murray Hill, NJ 07974; phone (908) 582-7647; fax (908) 582-5857; libkin@bell-labs.com; http://www.bell-labs.com/topic/conferences/lics/.

WSC3: Third Online World Conf. Soft Computing in Engineering Design and Manufacturing, June 21–30, on the Internet. For more information, access http://www.cranfield.ac.uk/wsc3/ or http://www.bioele.nuee.nagoya-u.ac.jp/wsc3/.

JULY 1998

Icmas '98: Third Int'l Conf. Multi-Agent Systems, July 2–8, Paris. Contact Mike Wooldridge, EE Dept., Queen Mary & Westfield College, Mile End Rd., London E1 4NS, UK; m.j.wooldridge@qmw.ac.uk; http://www-leibniz.imag.fr/MAGMA/ICMAS98.

RoboCup '98 Paris: The Second Robot World Cup Soccer Games and Conference, July 2–5, Paris. Contact kitano@csl.sony.co.jp or robocup98-com@csl.sony.co.jp; http://www.csl.sony.co.jp/person/kitano/RoboCup/RoboCup.html.

Fifth Int'l Conf. Artificial Life in Design, July 20–23, Lisbon, Portugal. Contact Fay Sudweeks, Conf. Manager, Key Centre of Design Computing, Univ. of Sydney NSW 2006, Australia; phone 61 (2) 93-51-5933; fax 61 (2) 93-51-3031; aid98@arch.usyd.edu.au; http://www.arch.usyd.edu.au/kcdc/conferences/aid98/.

Genetic Programming 1998 Conf., July 22–25, Madison, Wis. Contact John R. Koza, GP-98 Conf., AAAI, 445 Burgess Dr., Menlo Park, CA 94025; phone (415) 328-3123; fax (415) 321-4457, gp@aaai.org; http://www.genetic-programming.org.

AAAI '98: 15th Nat'l Conf. AI, July 26–30, Madison, Wis. Contact AAAI '98, Amer. Assoc. for Artificial Intelligence, 445 Burgess Dr., Menlo Park, CA 94025-3442; ncai@aaai.org; http://www.aaai.org/Conferences/National/1998/aaai98-call.html.

IAAI '98: 10th Ann. Conf. Innovative Applications of AI, July 27–29, Madison, Wis. Contact IAAI '98, Amer. Assoc. for Artificial Intelligence, 445 Burgess Dr., Menlo Park, CA 94025-3442; phone (415) 328-3123; fax (415) 321-4457; iaai@aaai.org; http://www.aaai.org/Conferences/IAAI/1998/iaai98-call.html.

AUGUST 1998

ECAI '98: 13th European Conf. Artificial Intelligence, Aug. 23–28, Brighton, UK. Contact ECAI '98 Secretariat, Centre for Advanced Software Applications, Cognitive and Computing Sciences, Univ. of Sussex, Brighton, BN1 9QH, UK; phone 44 (1273) 678448; fax 44 (1273) 671320; ecai98@cogs.sussex.ac.uk; http://www.cogs.sussex.ac.uk/ecai98.

SEPTEMBER 1998

Third Int'l Conf. Neural Networks and Expert Systems in Medicine and Healthcare, Sept. 9–11, Pisa, Italy. Contact Antonina Starita, Computer Science Dept., Univ. of Pisa, Corso Italia 40, 56126 Pisa, Italy; phone 39 (50) 887226; fax 39 (50) 887226; starita@di.unipi.it; http://www.di.unipi.it/~nnesmed/home.htm.

ICAM Asia '98: Int'l Trade Fair for Industrial Control, Automation, and Measurement, Sept. 17–19, Singapore. Contact Dusseldorf Trade Shows, New York, 70 W. 36th St., Ste. 605, New York, NY 10018; phone (212) 356-0400; fax (212) 356-0404; http://www.dtsusa.com/dts/.

OCTOBER 1998

AAAI 1998 Fall Symp. Series, Oct. 23–25, Orlando, Fla. Contact Bonnie Dorr, Dept. of Computer Science, Univ. of Maryland, A.V. Williams Bldg., College Park, MD 20742, bonnie@cs.umd.edu; or Leslie Pack Kaelbling, CS Dept., Brown Univ., P.O. Box 1910, Providence, RI 02912-1910, lpk@cs. brown.edu; or Ian Horswill, Inst. for the Learning Sciences, Northwestern Univ., Evanston, IL 60201; ian@ils.nwu.edu.

NOVEMBER 1998

Pricai '98, Fifth Pacific Rim Int'l Conf. Artificial Intelligence, Nov. 22–27, Singapore. Contact Pricai '98 Secretariat, Japan-Singapore AI Centre, 11 Science Park Rd., Singapore 117684; phone 65 770-5080; fax 65 779-1827; pricai98@iti.gov.sg; http://jsaic.iti.gov.sg/pricai98.

OCTOBER 1999

Interkama '99: Int'l Trade Fair for Industrial Communications, Automation, Measurement, and Analysis Technology, Oct. 18–23, Düsseldorf, Germany. Contact Dusseldorf Trade Shows, Inc., 150 N. Michigan Ave., Ste. 2920, Chicago, IL 60601; phone (312) 781-5180; fax (312) 781-5188; http://www.dtsusa.com/dts/.

CALL FOR PAPERS

PA '98: Practical Application Expo '98 (including PAAM '98, PAP/PACT '98, PADD '98, and PAKeM '98) seeks papers for its Mar. 23–27, 1998, meeting in London. Submit five copies of papers (up to 20 pages) by **Dec. 15, 1997**, to PA Expo '98, 54 Knowle Ave., Blackpool, Lancashire, FY2 9UN, UK; phone 44 (1253) 358081; fax 44 (1253) 353811; enquiries@pap.com; http://www.demon.co.uk/ar/Expo98/index.html.

RoboCup '98 Paris: The Second Robot World Cup Soccer Games and Conference seeks entries and papers for its July 2–5, 1998, meeting in Paris. Submit an optional statement of intent of entry by **Dec. 15, 1997**, and a paper or an application for simulator and real robot leagues by **Mar. 1, 1998**, to robocup-98-entry@ cs.sony.co.jp. For details, contact kitano@csl.sony.co.jp or robocup98-com@csl.sony.co.jp; http://www.csl.sony.co.jp/person/kitano/RoboCup/RoboCup.html.

AAAI '98: 15th Nat'l Conf. AI seeks papers for its July 26–30, 1998, meeting in Madison, Wis. Submit paper's title page by **Jan. 9, 1998**, and six copies of paper (up to six conference pages) by **Jan. 14, 1998**, to AAAI '98, Amer. Assoc. for Artificial Intelligence, 445 Burgess Dr., Menlo Park, CA 94025-3442; ncai@aaai.org; http://www.aaai.org/Conferences/National/1998/aaai98-call.html.

IAAI '98: 10th Ann. Conf. Innovative Applications of AI seeks papers, invited talks, and panels for its July 27–29, 1998, meeting in Madison, Wis. Submit five copies of paper (seven to 12 pages), invited talk nomination, or panel proposal by **Jan. 20, 1998**, to IAAI '98, Amer. Assoc. for Artificial Intelligence, 445 Burgess Dr., Menlo Park, CA 94025-3442; phone (415) 328-3123; fax (415) 321-4457; iaai@aaai.org; http://www.aaai.org/Conferences/IAAI/1998/iaai98-call.html.

Genetic Programming 1998 Conf. seeks papers for its July 22–25, 1998, meeting in Madison, Wis. Submit eight copies of paper by **Jan. 21, 1998**, to John R. Koza, GP-98 Conf., AAAI, 445 Burgess Dr., Menlo Park, CA 94025; phone (415) 328-3123; fax (415) 321-4457; gp@aaai.org; http://www.genetic-programming.org.

Third Int'l Conf. Neural Networks and Expert Systems in Medicine and Healthcare seeks papers for its Sept. 9–11, 1998, meeting in Pisa, Italy. Submit electronic file of paper (four pages with 200-word abstract) by **Feb. 13, 1998**, to Antonina Starita, Computer Science Dept., Univ. of Pisa, Corso Italia 40, 56126 Pisa, Italy; phone 39 (50) 887215; fax 39 (50) 887226; starita@di.unipi.it; http://www.di.unipi.it/~nnesmed/home.htm.